

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

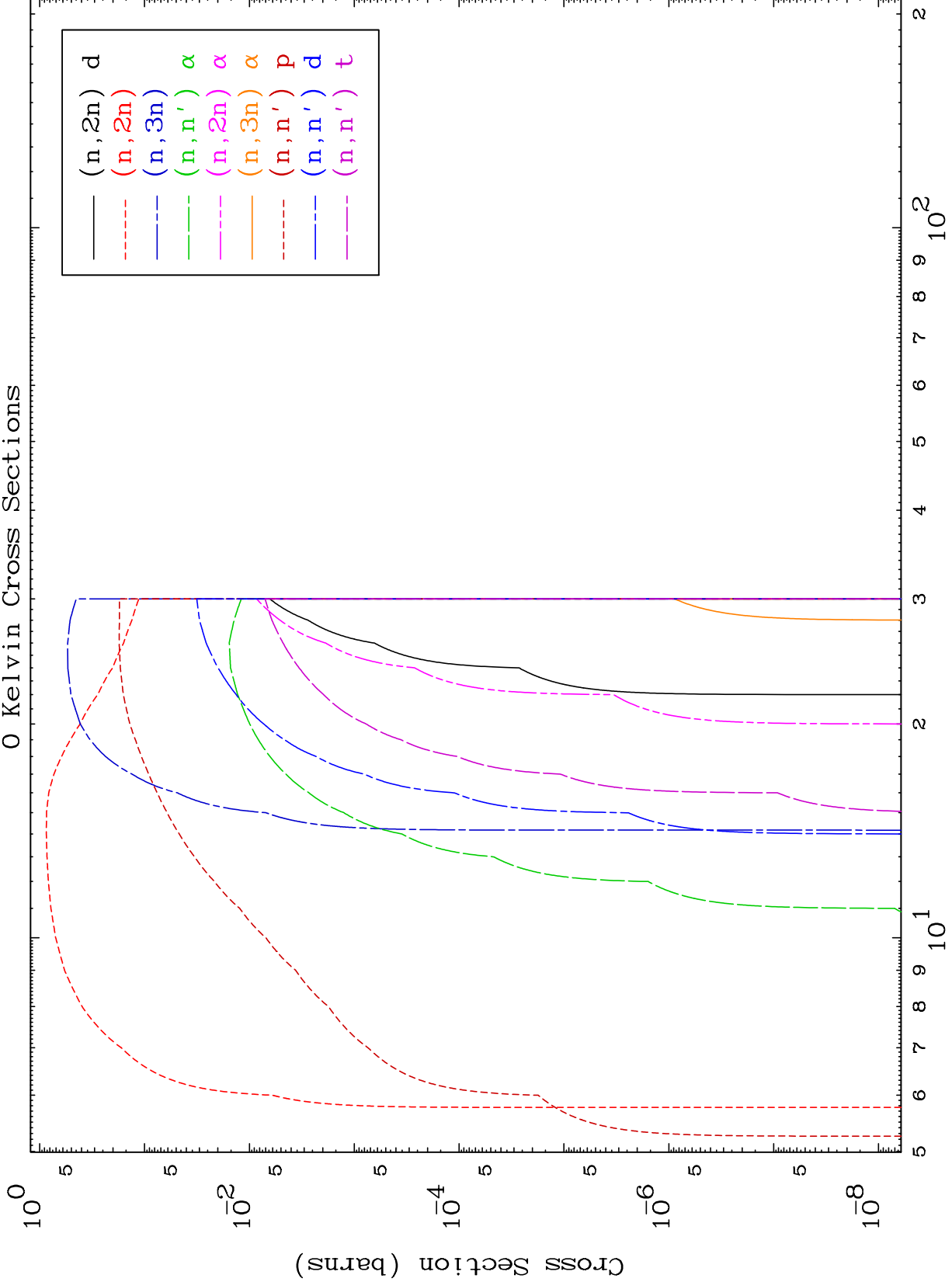
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

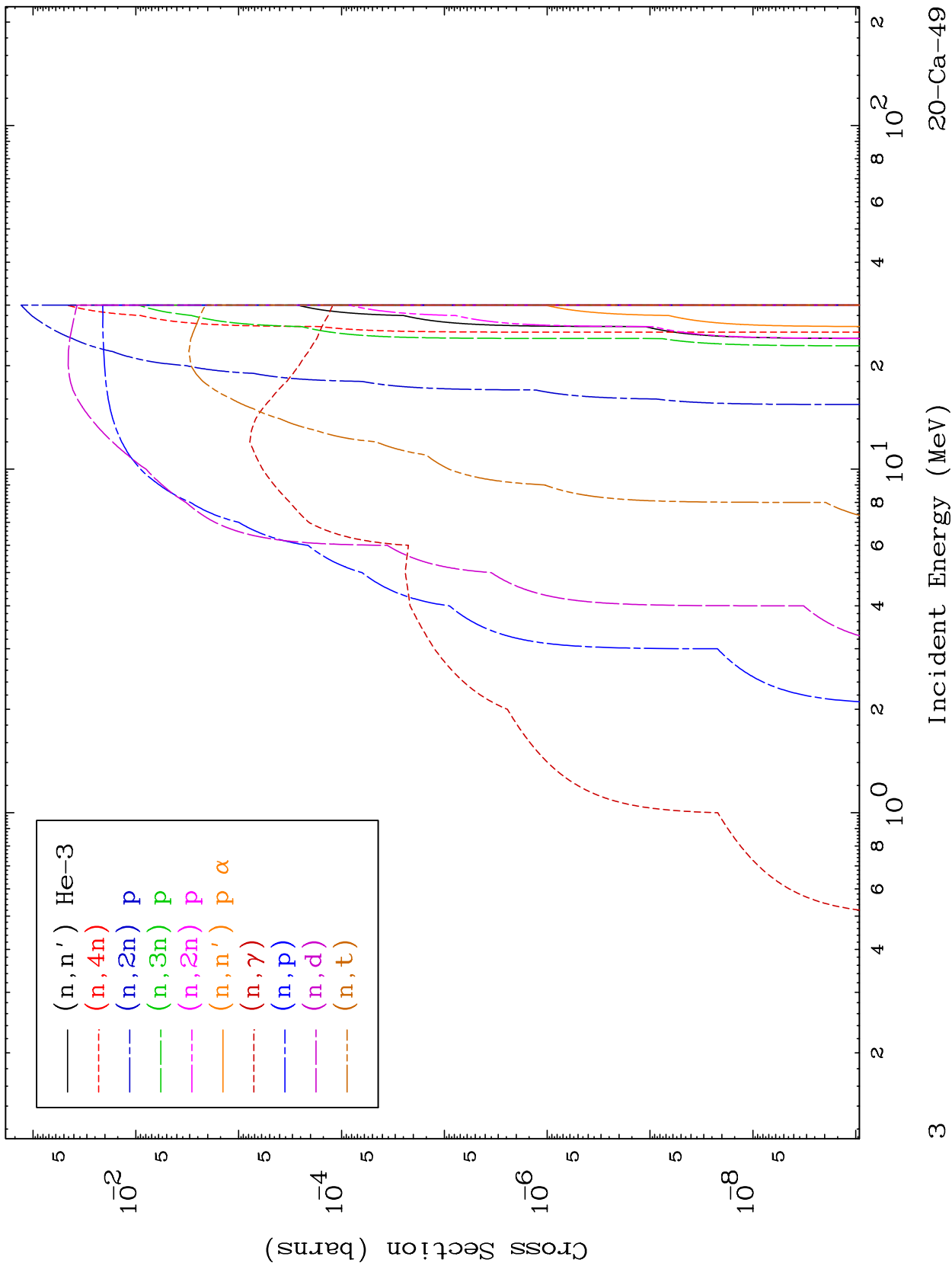
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

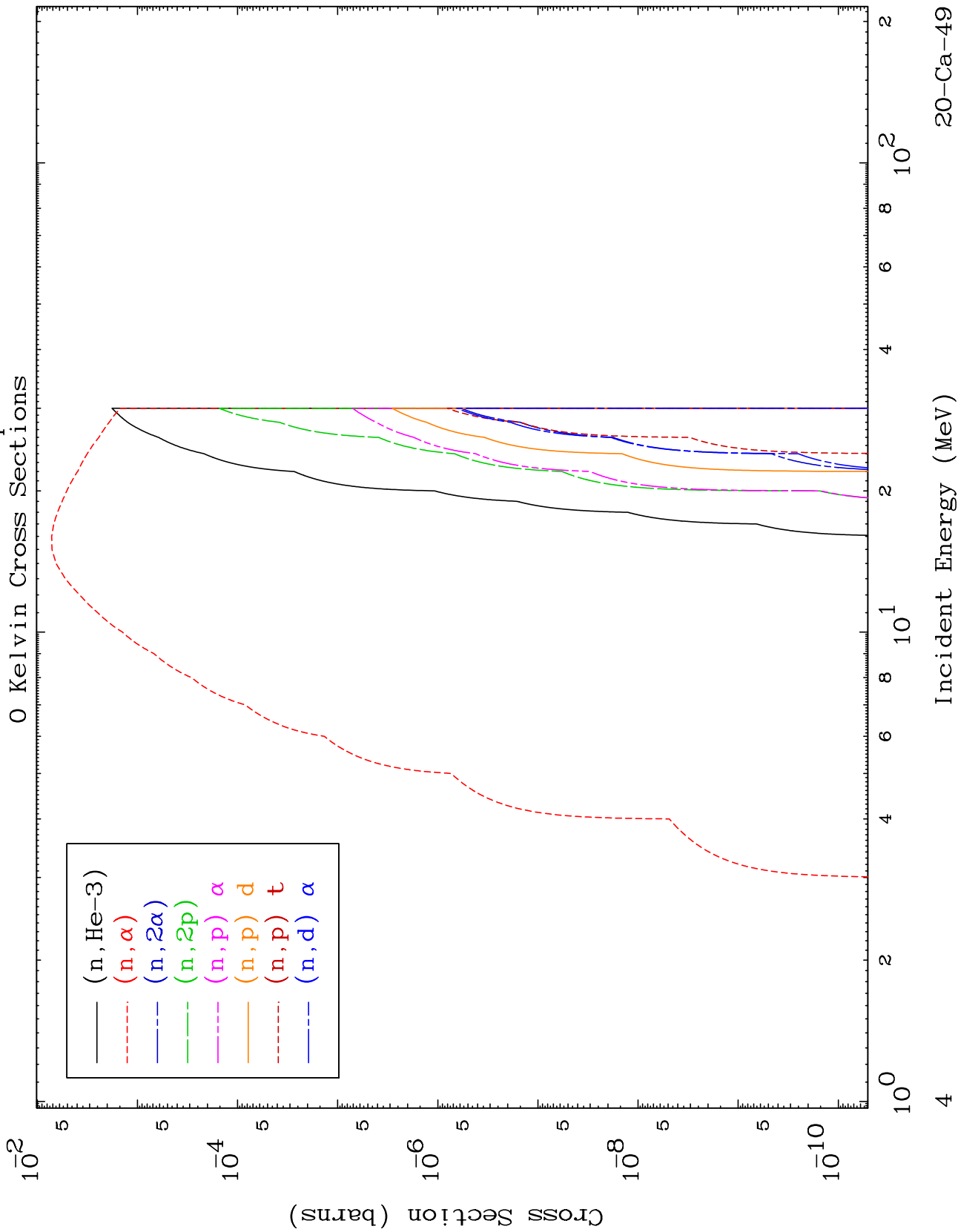




MAT 2052

Proton Neutron Absorption
0 Kelvin Cross Sections

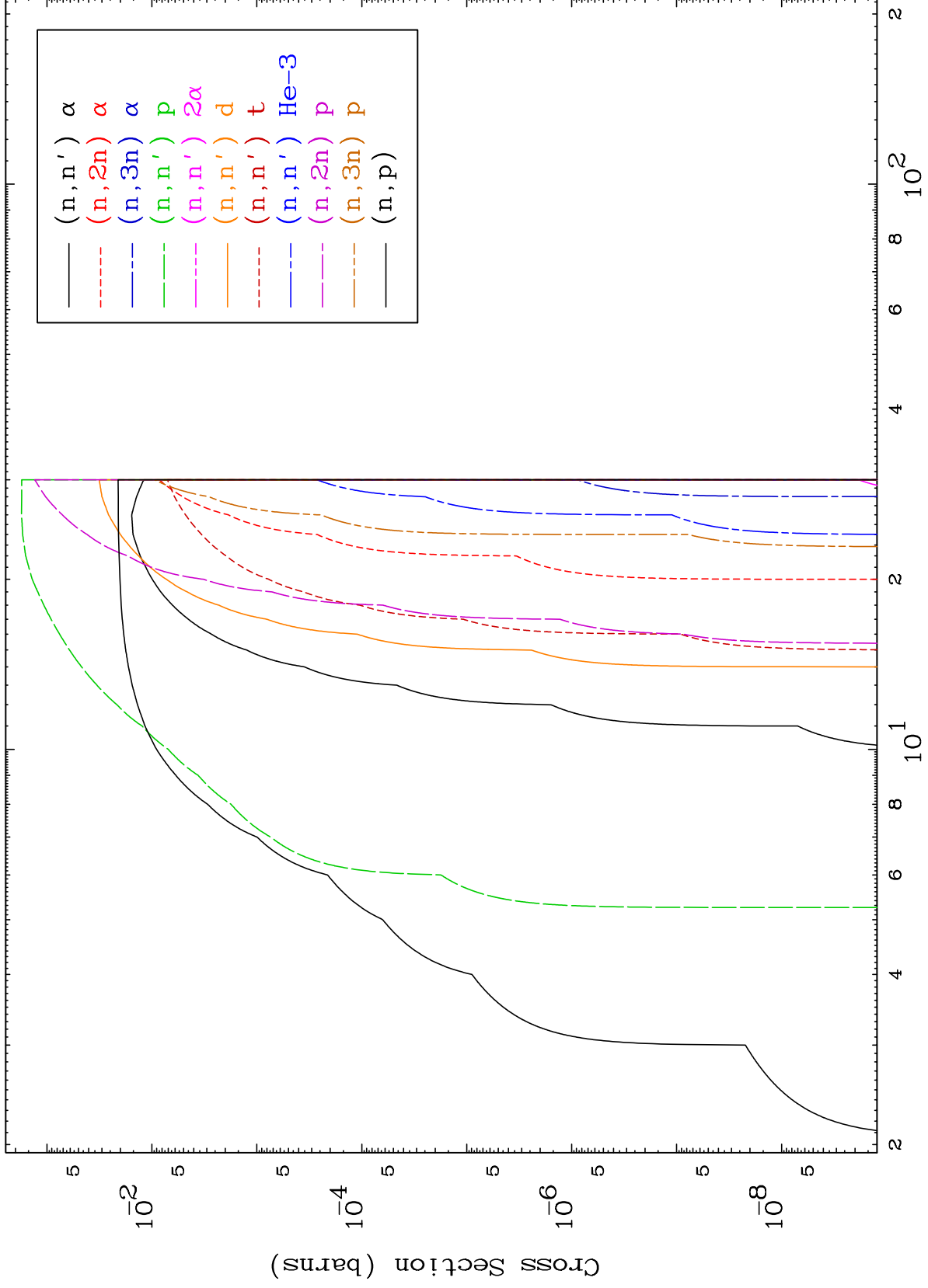
20-Ca-49



20-Ca-49

Incident Energy (MeV)

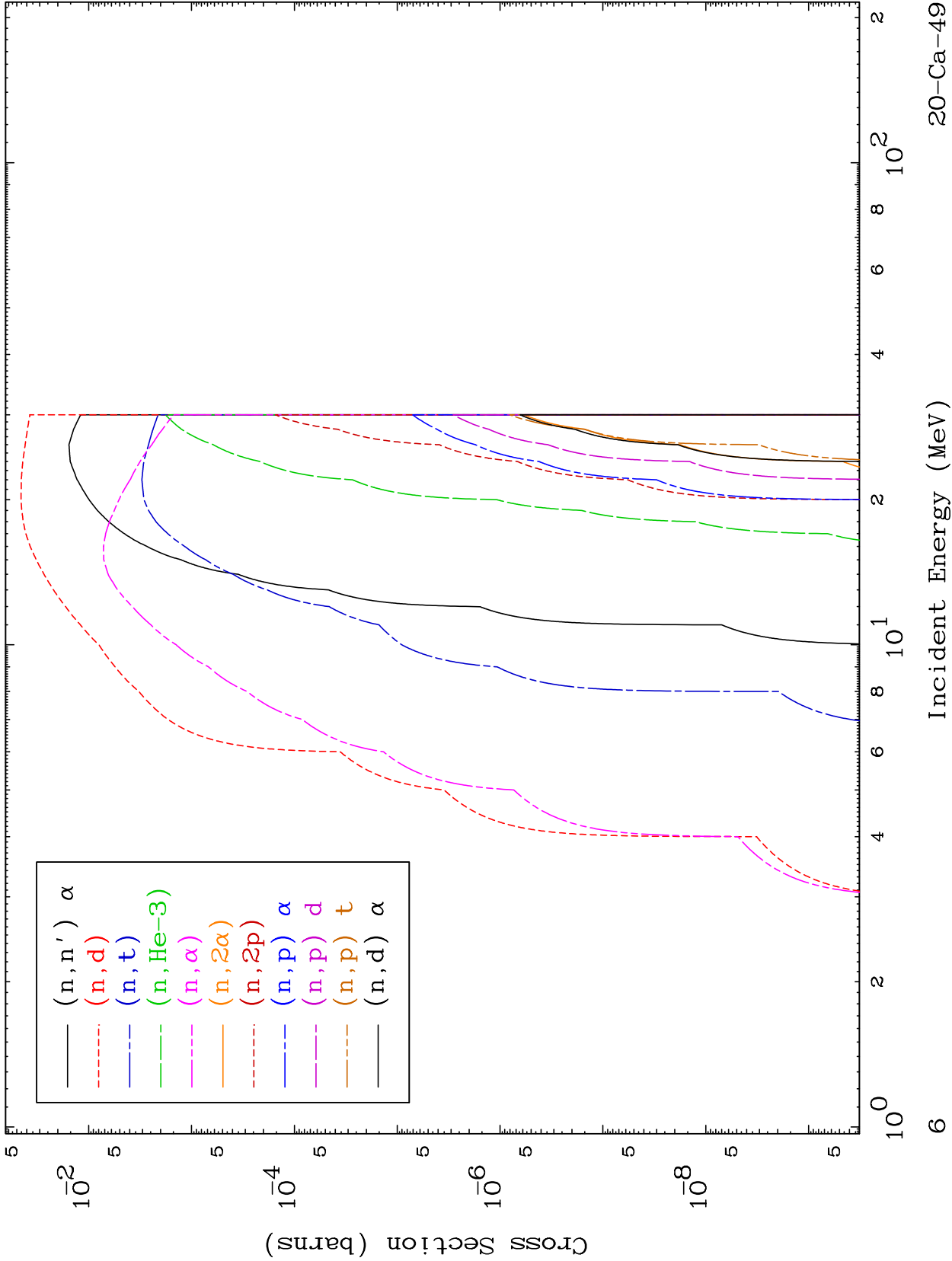
4



MAT 2052

Proton Charged Particle
0 Kelvin Cross Sections

20-Ca-49



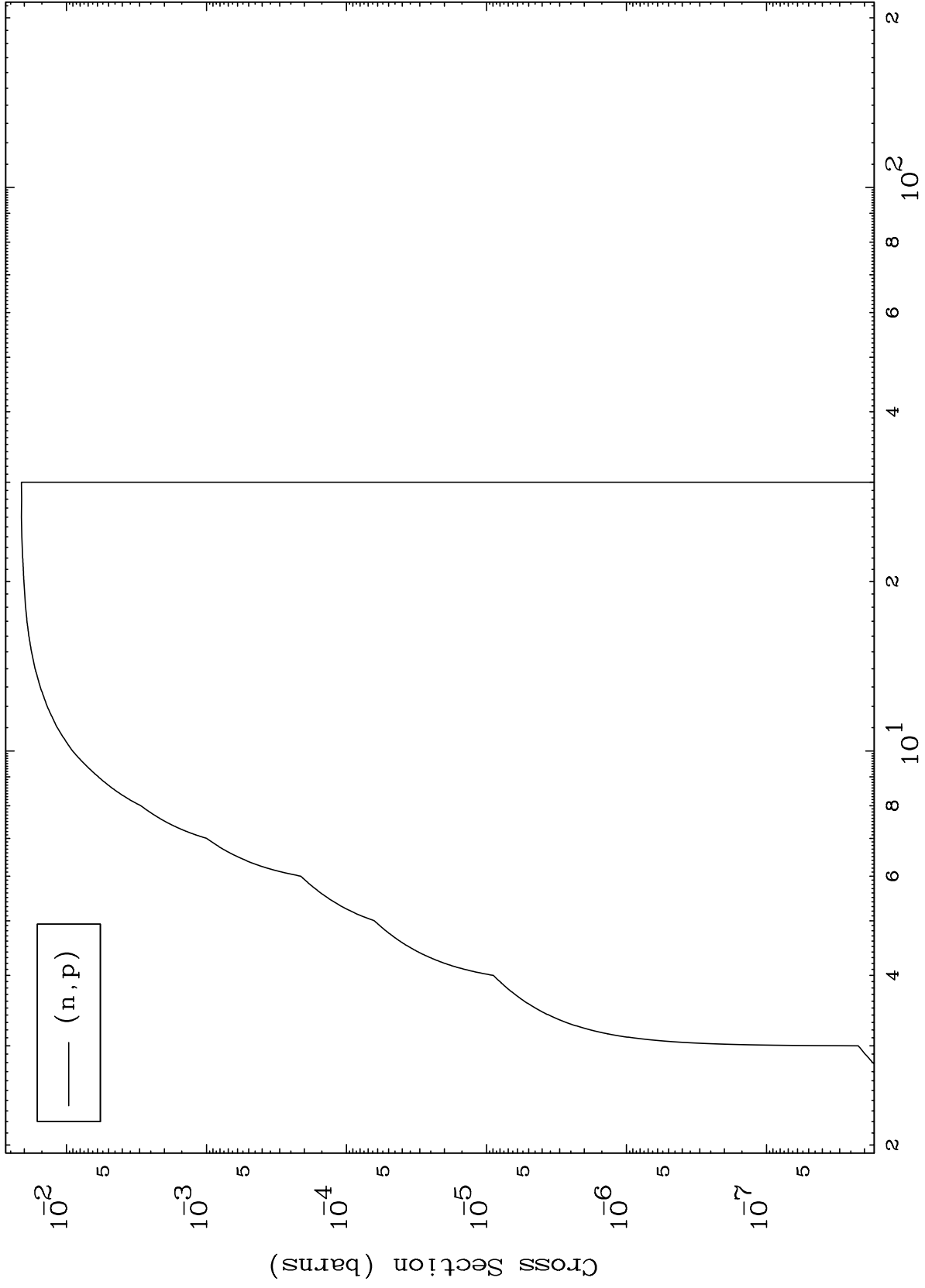
Incident Energy (MeV)

20-Ca-49

MAT 2052

(p,p) Levels
0 Kelvin Cross Sections

20-Ca-49



7

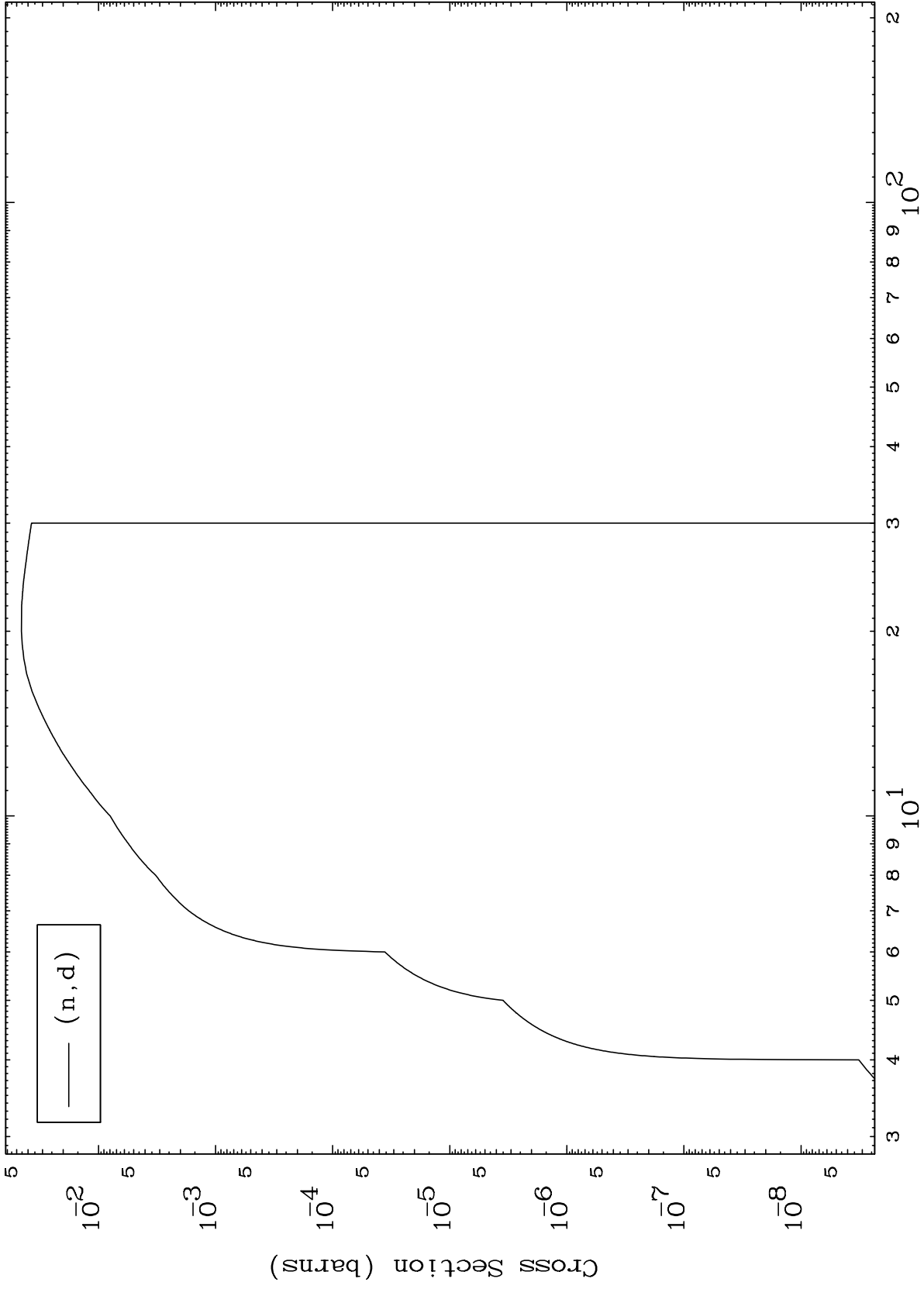
Incident Energy (MeV)

20-Ca-49

MAT 2052

(p,d) Levels
0 Kelvin Cross Sections

20-Ca-49



8

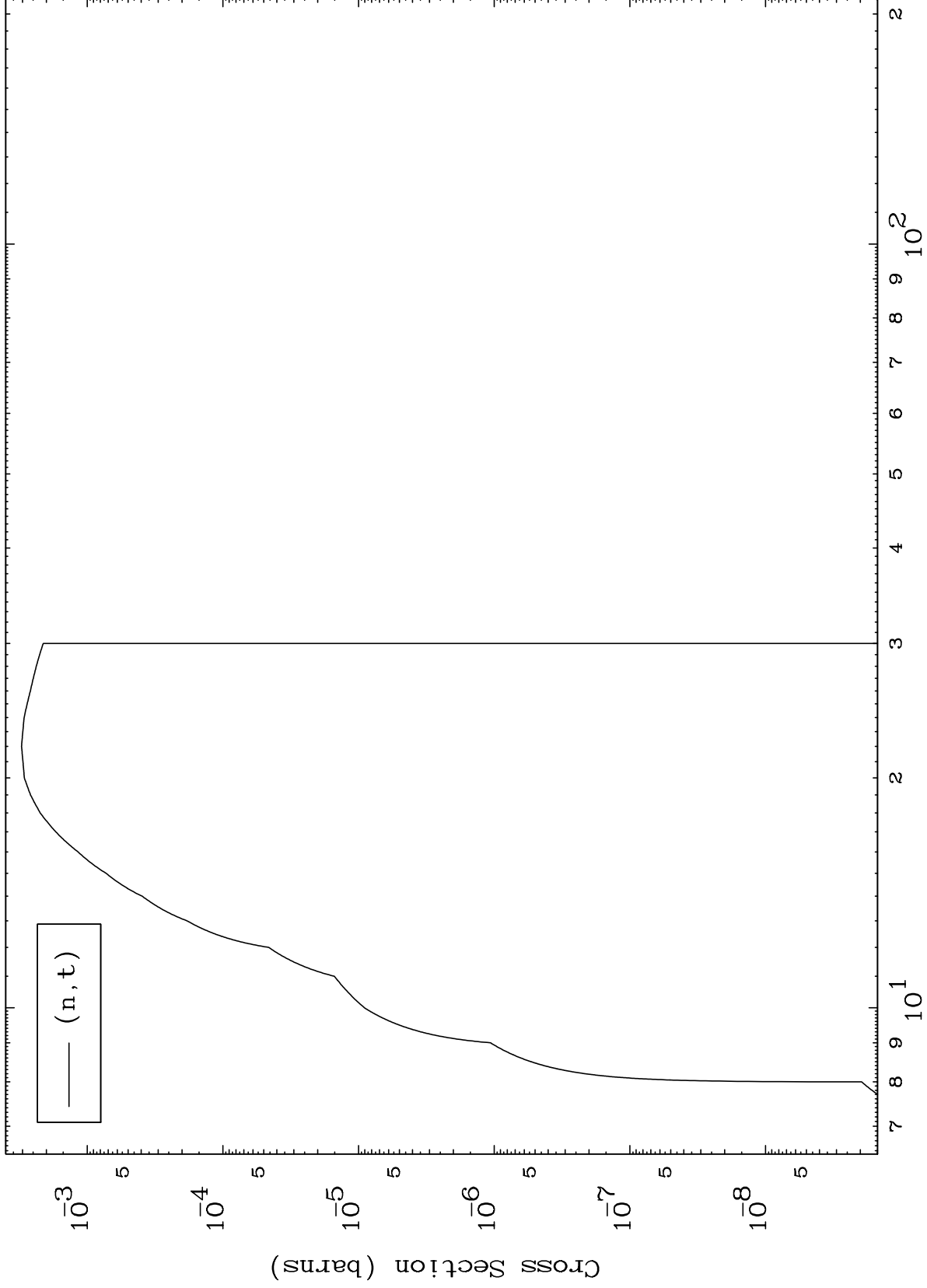
Incident Energy (MeV)

20-Ca-49

MAT 2052

(p, t) Levels
0 Kelvin Cross Sections

20-Ca-49



9

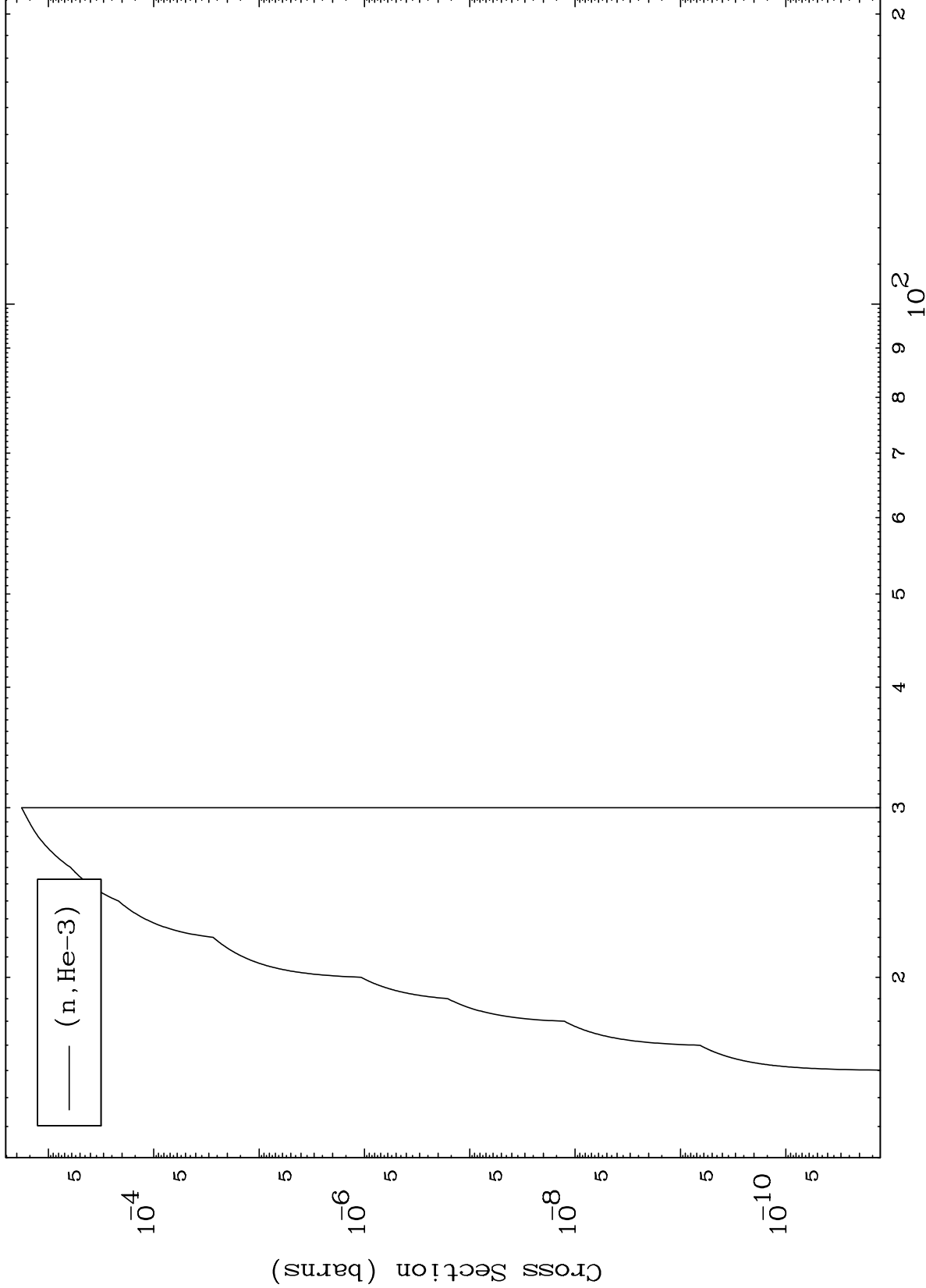
Incident Energy (MeV)

20-Ca-49

MAT 2052

(p,He3) Levels
0 Kelvin Cross Sections

20-Ca-49



10

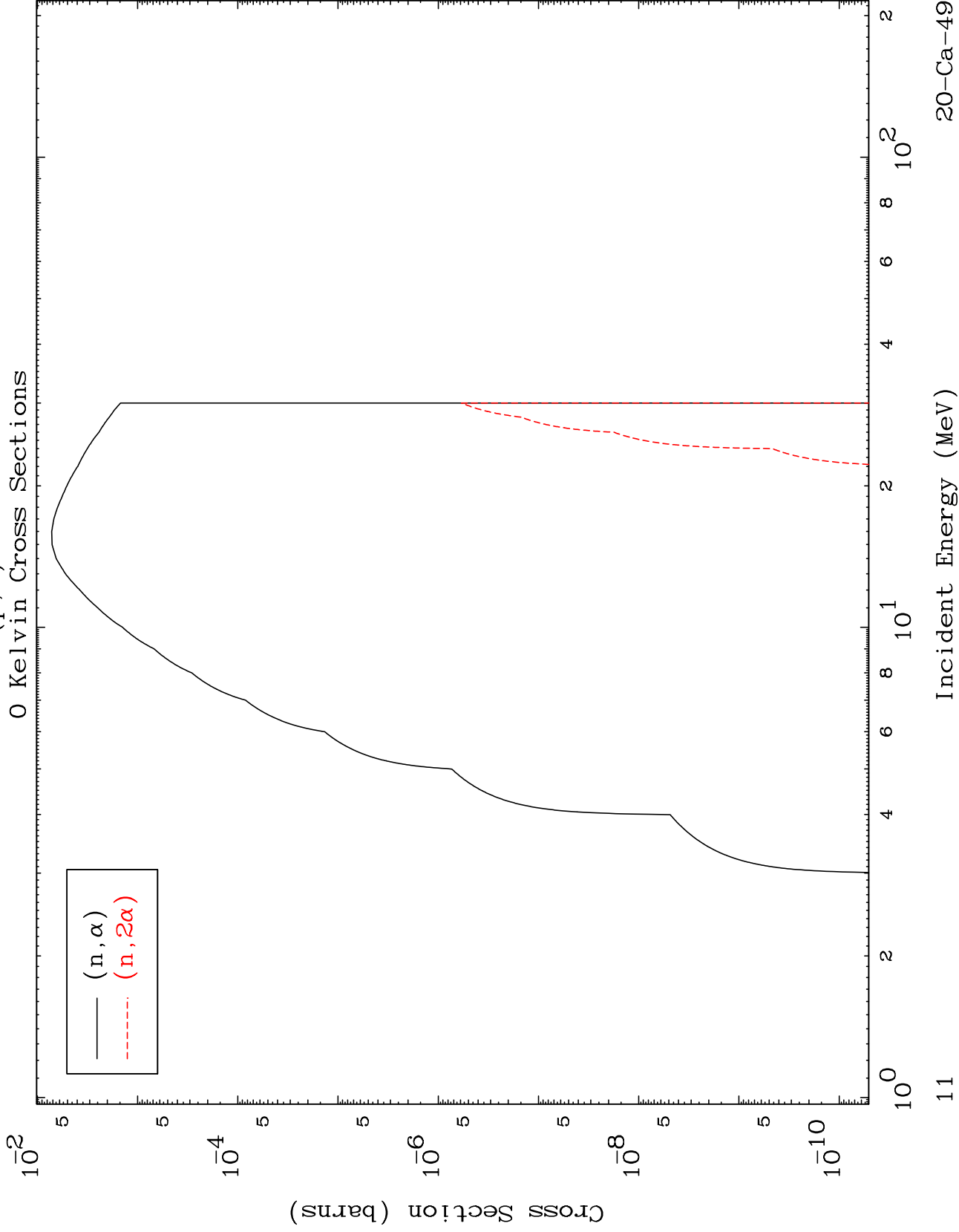
Incident Energy (MeV)

20-Ca-49

MAT 2052

(p, α) Levels

20-Ca-49



11

Incident Energy (MeV)

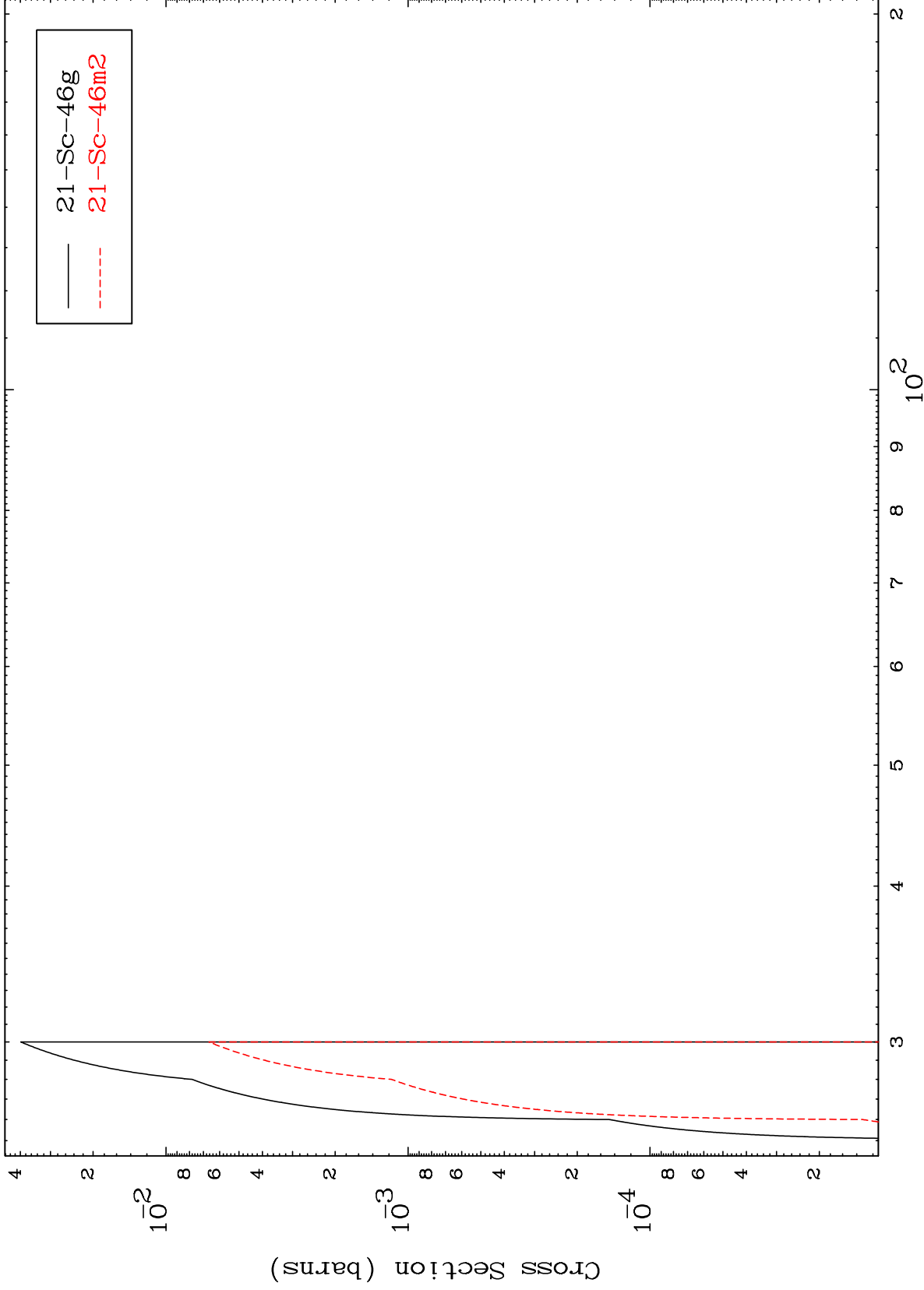
20-Ca-49

MAT 2052

(n,4n)

20-Ca-49

Radionuclide Production Cross Section



21-Sc-46g
21-Sc-46m2

12

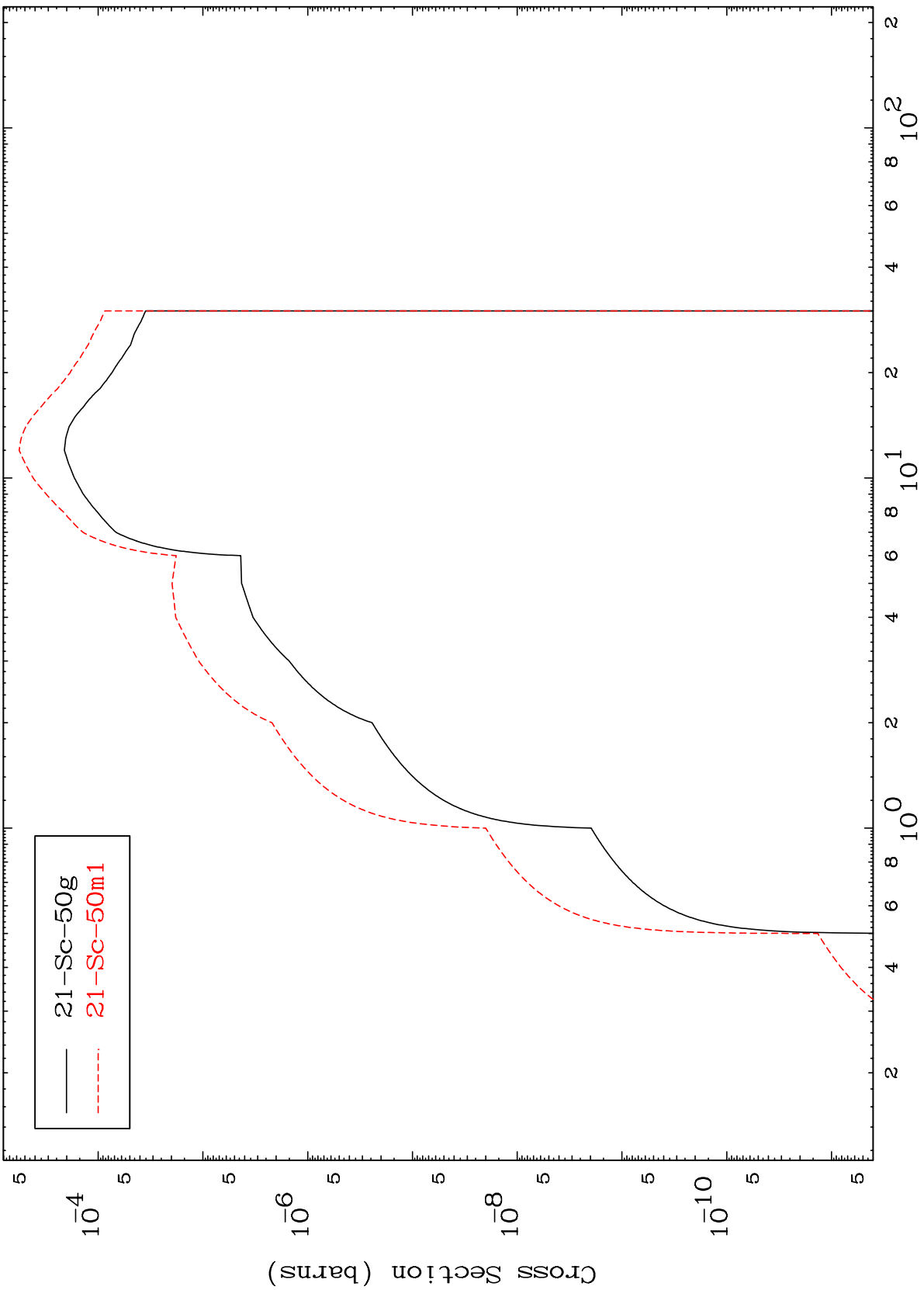
Incident Energy (MeV)

20-Ca-49

MAT 2052

20-Ca-49

Radionuclide Production Cross Section
(n, γ)



— 21-Sc-50g
- - - 21-Sc-50ml

20-Ca-49

Incident Energy (MeV)

13